

1/16

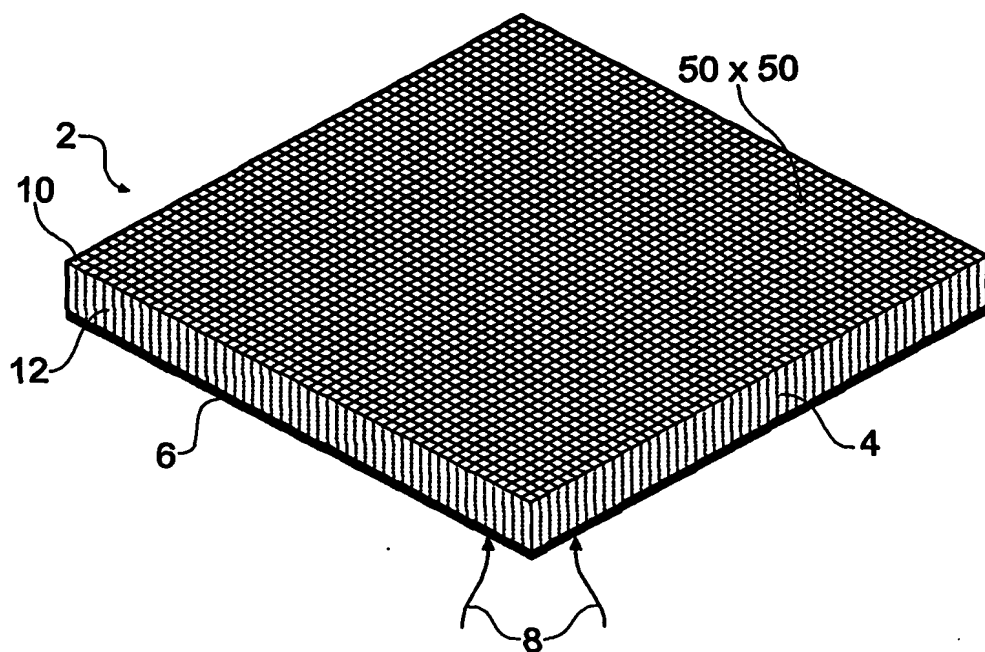


Fig. 1

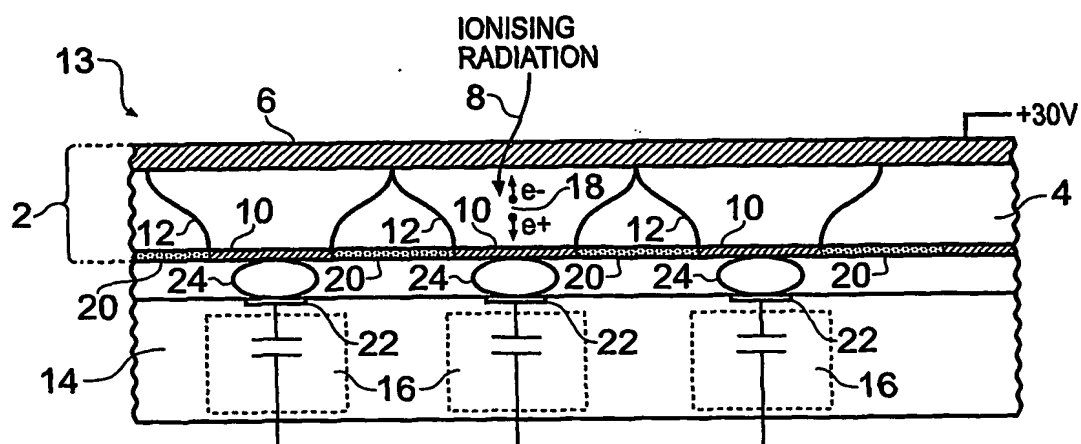


Fig. 2

2/16

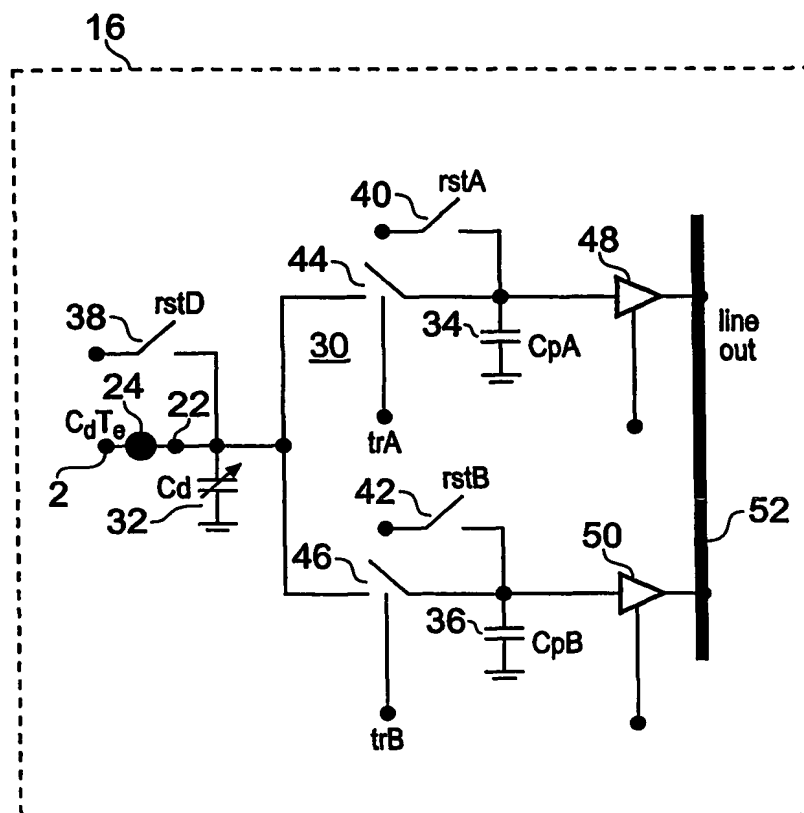


Fig. 3

3/16

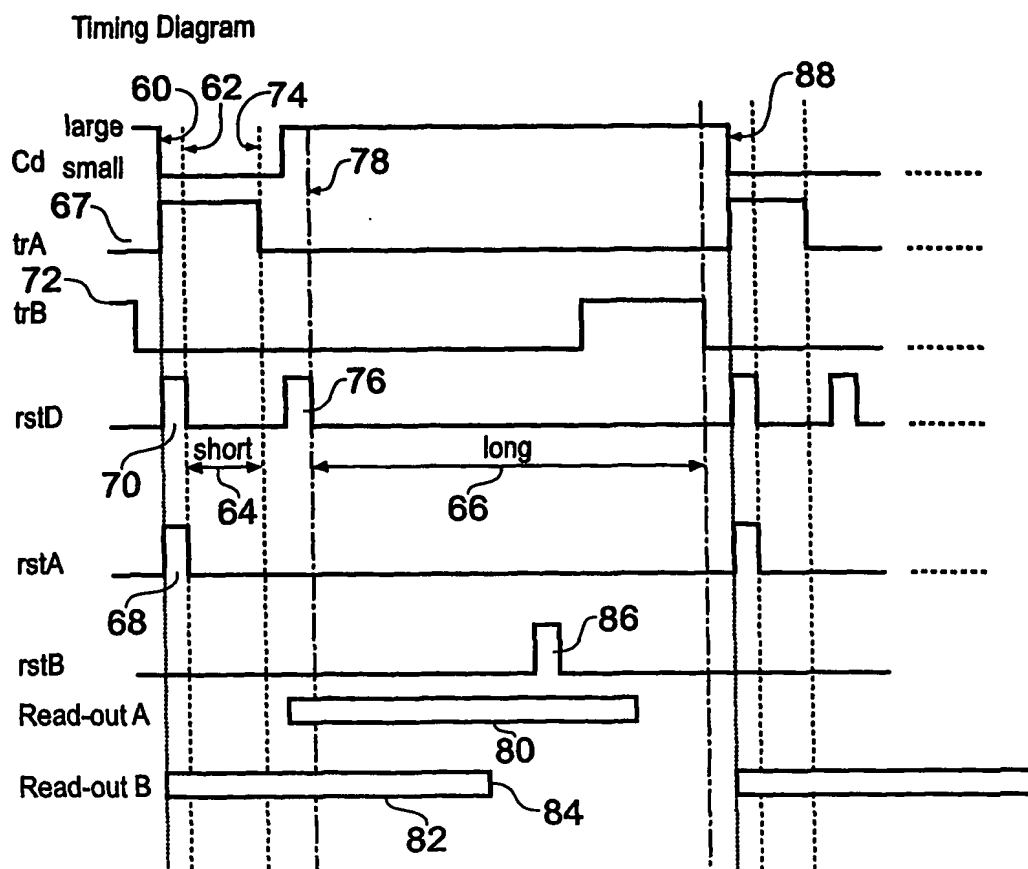


Fig. 4

4/16

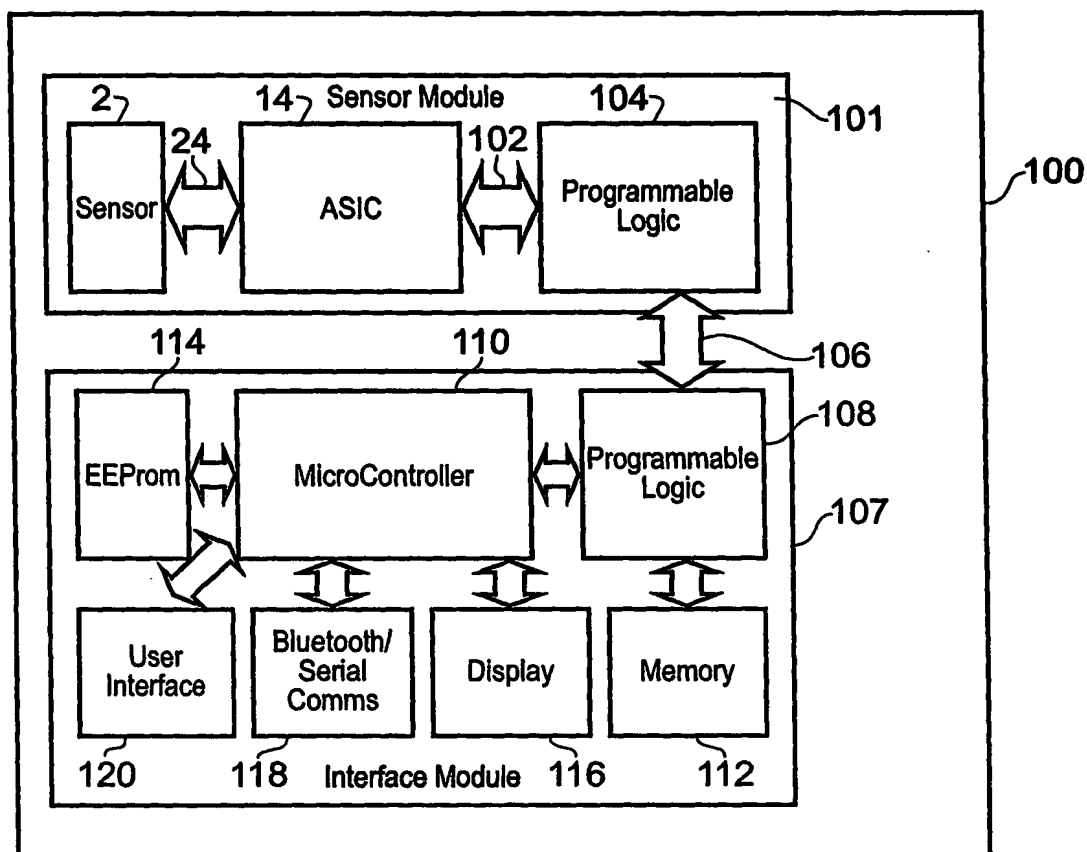


Fig. 5(a)

5/16

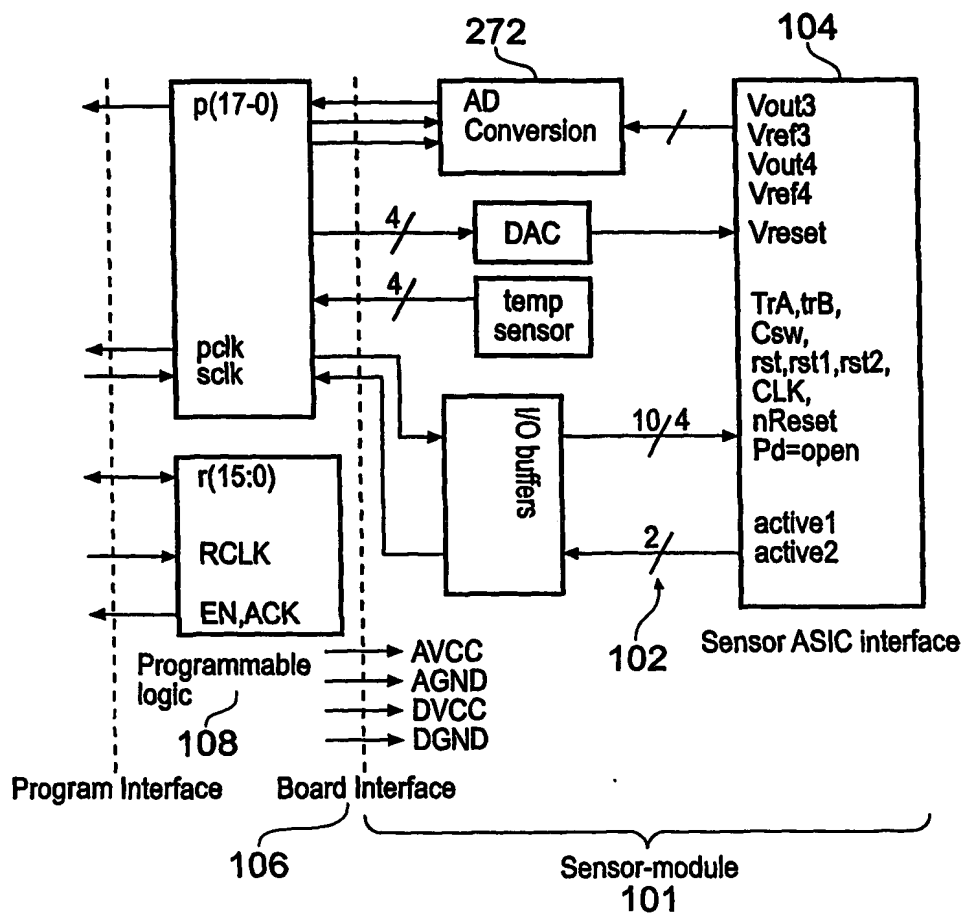


Fig. 5(b)

6/16

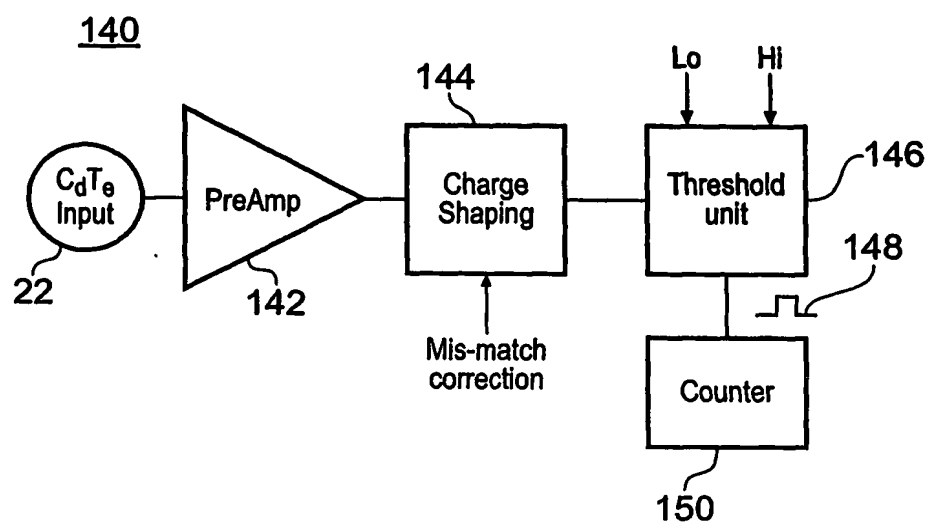


Fig. 6

7/16

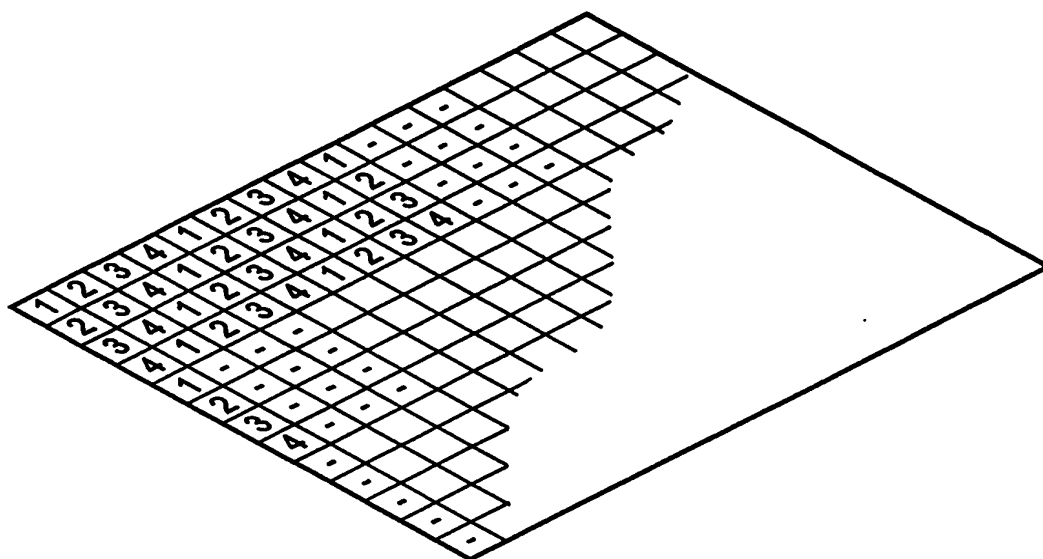


Fig. 7(a)

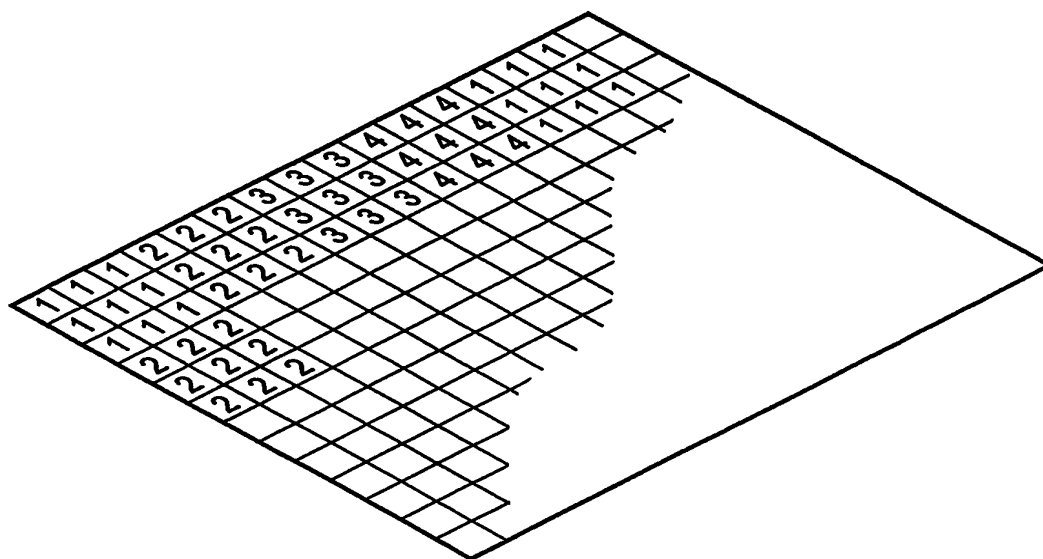


Fig. 7(b)

8/16

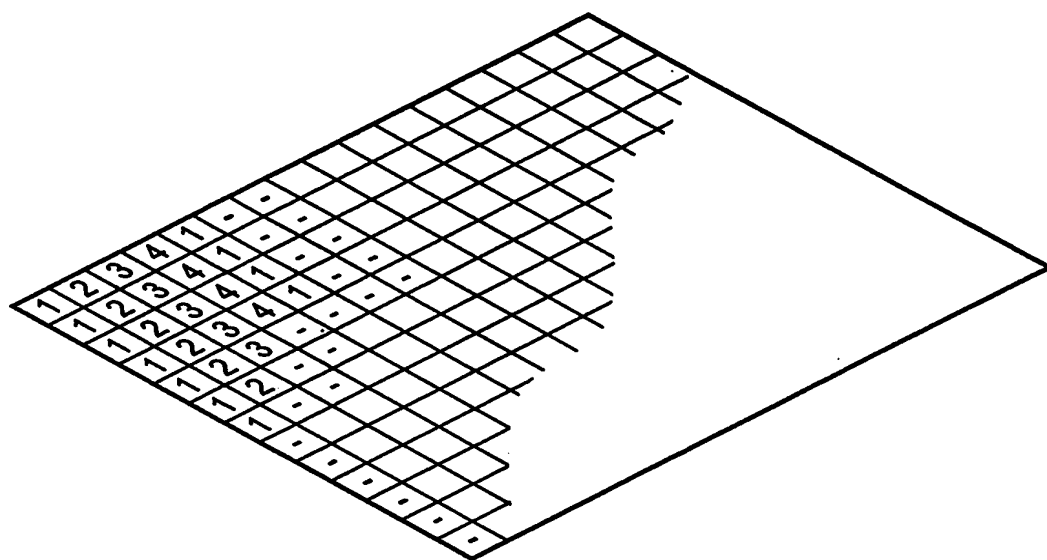


Fig. 7(c)

9/16

- Homeland Security/UK Resilience (first responders)
- Target Specifications
 - ANSI n40's
 - n42.32, Alarming
 - n42.33, Type 2
 - N42.34, Isotope Identification
- Handheld, wearable

Isotopic Personal Dosimeter™

180

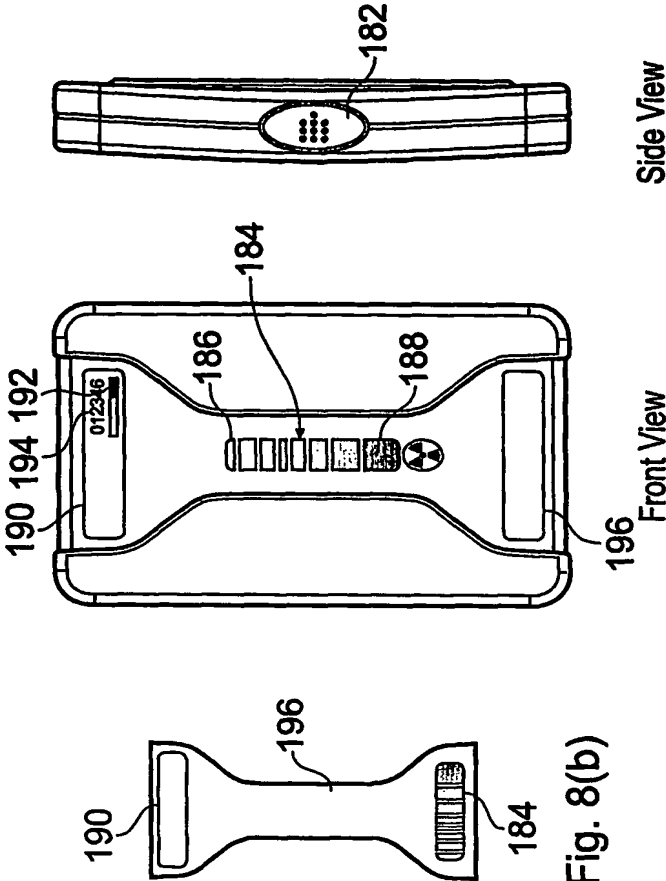
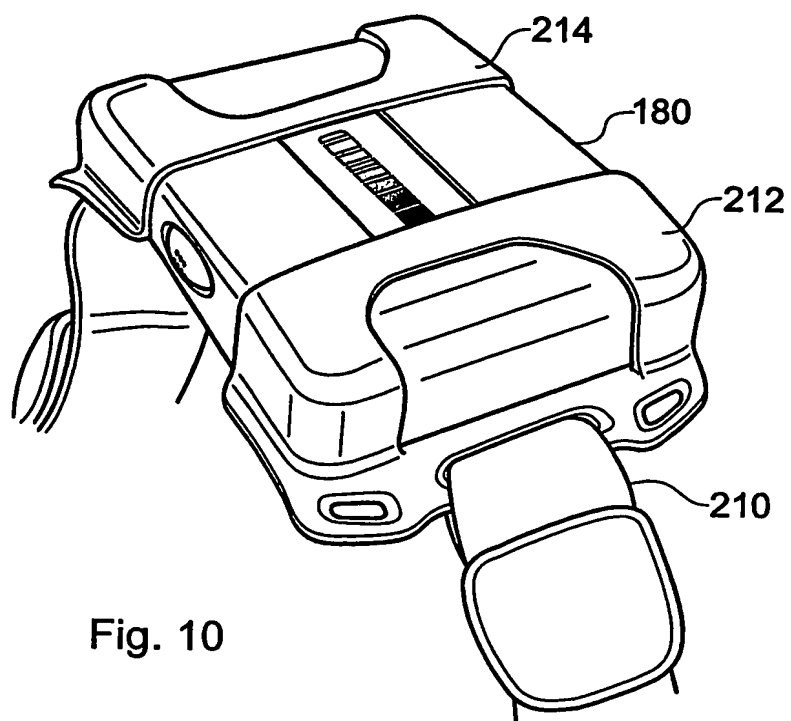
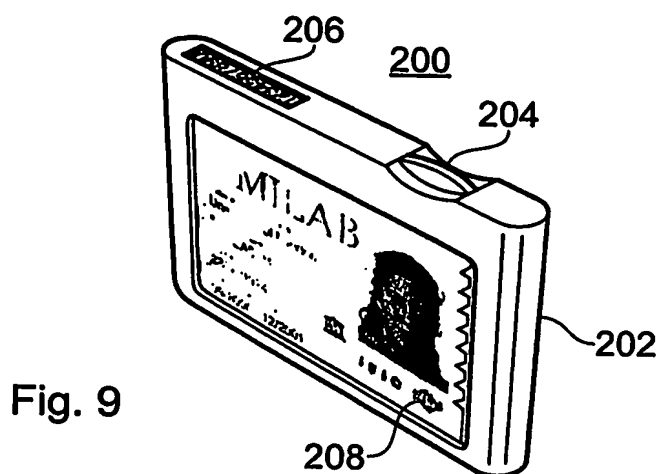


Fig. 8(a)

Fig. 8(b)

10/16



11/16

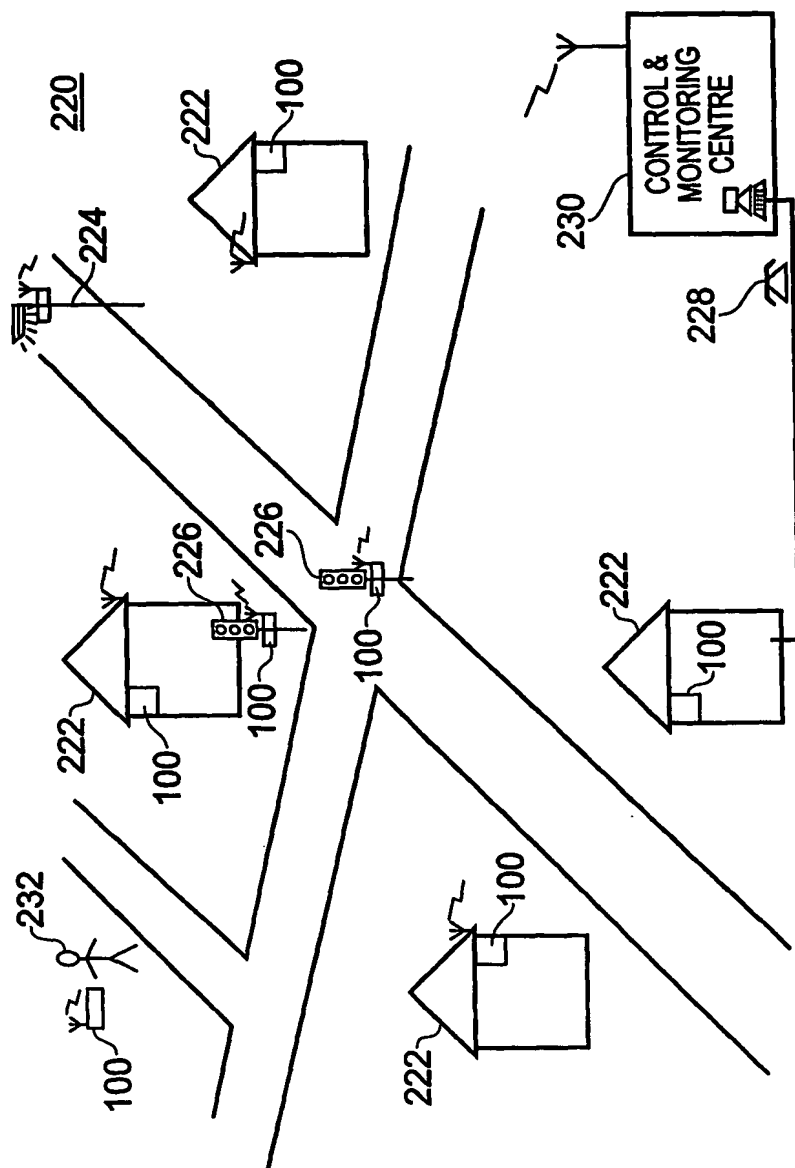


Fig. 11

12/16

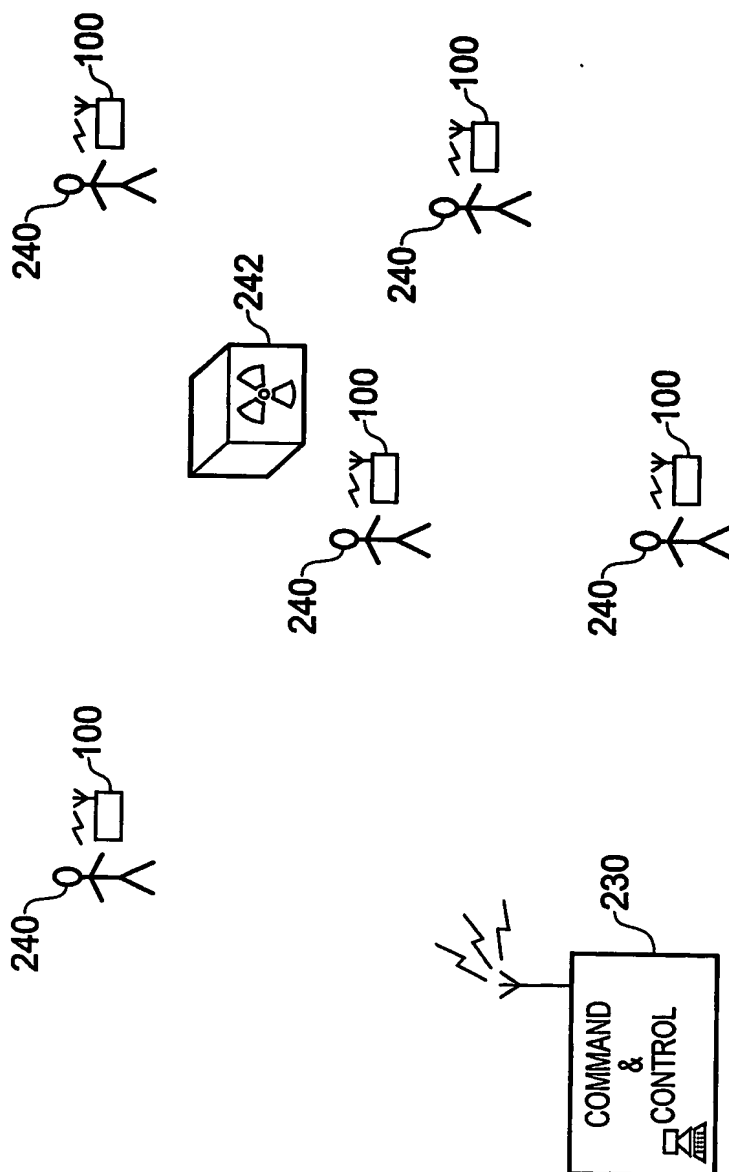


Fig. 12

13/16

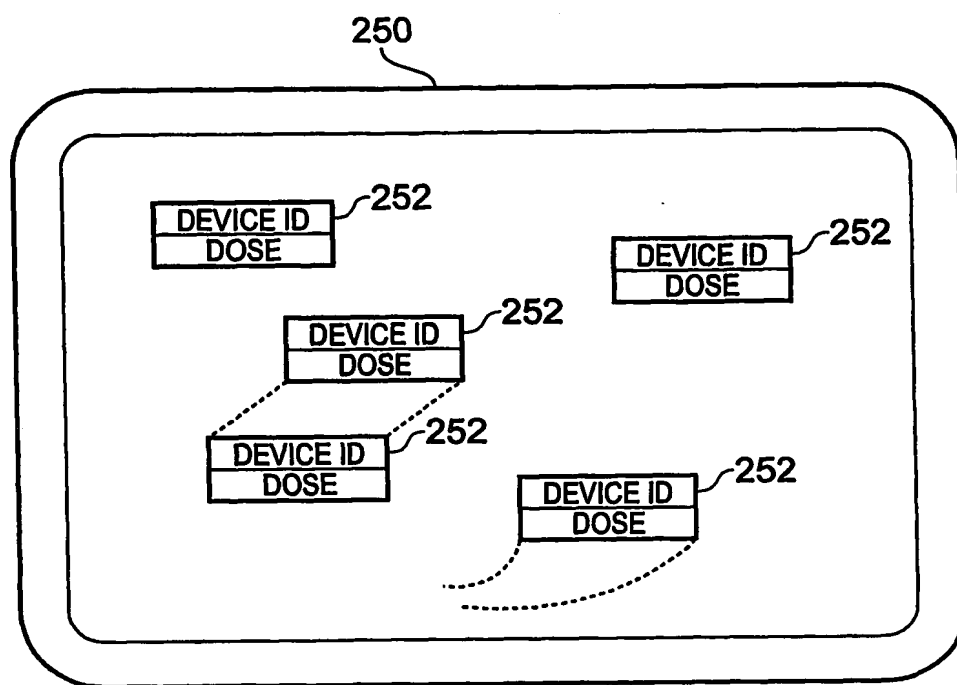
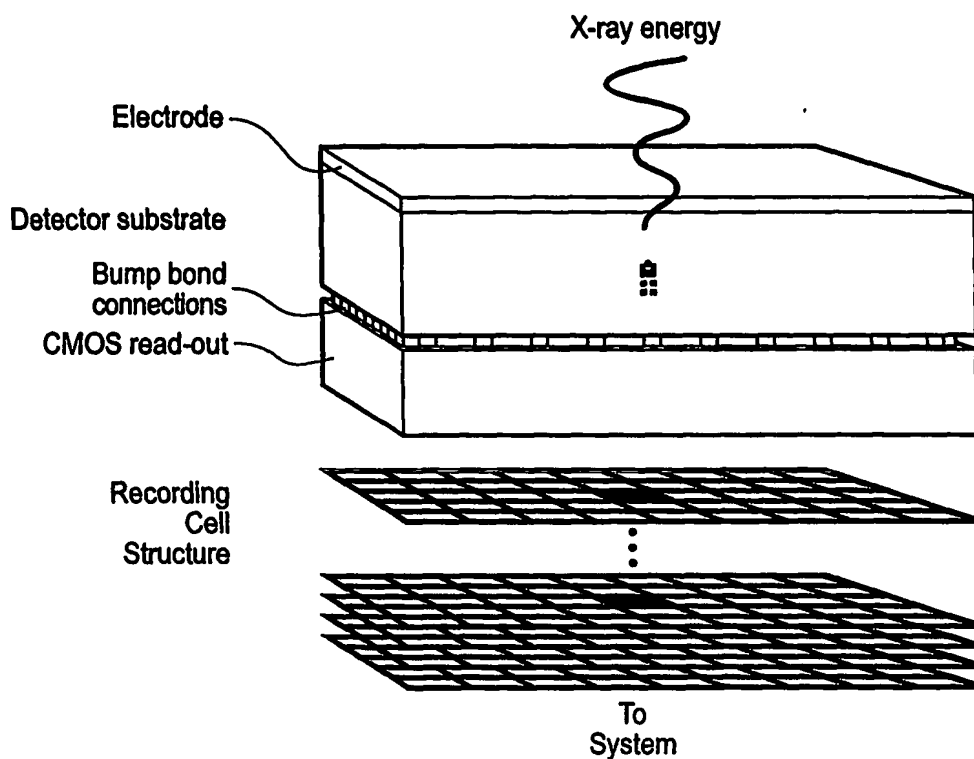


Fig. 13

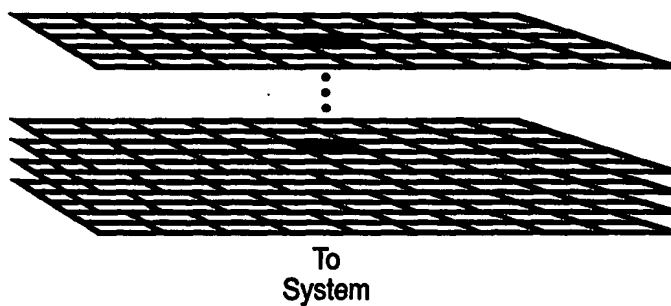
14/16

**Fig. 14**

Drawing exhibits the generic structure of the detector layer, its bonding to the CMOS recording layer and a diagrammatic representation of the cell structure

15/16

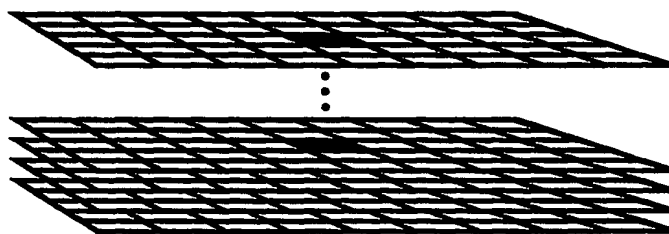
Recording
Cell
Structure



To
System

Fig. 15

Recording
Cell
Structure

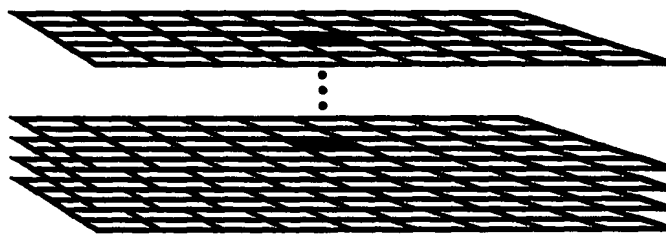


To
System

Fig. 16

16/16

Recording
Cell
Structure



To
System

Fig. 17